

PATENT
Atty. Dkt. No. WEAT0344.P1

IN THE CLAIMS:

Please cancel claims 2-3 and 6-21, and amend the claims as follows:

1. (Original) A method for preferentially directing a path of a casing to form a wellbore, comprising:

providing a second casing concentrically disposed within a first casing, ~~the second casing having a motor system releasably attached therein;~~

~~jetting penetrating~~ the first casing having an earth removal member operatively connected thereto into a formation to a first depth ~~while selectively altering the trajectory of the wellbore;~~

releasing a releasable attachment between the first and second casing; and

~~selectively altering a trajectory of the second casing while rotating the earth removal member operatively connected to a lower end of the motor system as the second casing continues into the formation.~~

2. - 3. Cancelled.

4. (Original) The method of claim 1, further comprising diverting fluid flow to a passageway through the motor system.

5. (Original) The method of claim 4, further comprising flowing a physically alterable bonding material through the passageway to the earth removal member.

6. - 21. Cancelled.

Please add the following new claims:

22. (New) The method of claim 1, wherein the first casing comprises a biasing member to facilitate altering the trajectory of the wellbore.

PATENT
Atty. Dkt. No. WEAT/0344.P1

23. (New) The method of claim 22, wherein the biasing member includes a preferential jet for directing fluid flow asymmetrically through the first casing while jetting.
24. (New) The method of claim 22, wherein the biasing member includes a stabilizing member disposed proximate to a midpoint of the first casing.
25. (New) The method of claim 22, further comprising diverting fluid flow to a passageway through the motor system.
26. (New) The method of claim 25, further comprising flowing a physically alterable bonding material through the passageway to the earth removal member.
27. (New) The method of claim 1, further comprising providing a motor system releasably attached to an inner portion of the second casing, the motor system adapted to rotate the earth removal member.
28. (New) The method of claim 27, further comprising providing a drilling fluid to the motor system.
29. (New) The method of claim 28, further comprising diverting the drilling fluid to a passageway through the motor system.
30. (New) The method of claim 27, further comprising:
drilling the second casing to a second depth; and
expanding the second casing.
31. (New) The method of claim 30, wherein expanding the second casing is accomplished by retrieving the motor system from the second casing.

PATENT
Atty. Dkt. No. WEAT/0344.P1

32. (New) The method of claim 27, further comprising retrieving the motor system from the second casing.

33. (New) The method of claim 27, further comprising selectively introducing a surveying tool into the motor system to selectively measure the trajectory of the wellbore.

34. (New) The method of claim 33, wherein the surveying tool selectively measures the trajectory of the wellbore while drilling with the first or second casing.

35. (New) An drilling assembly for directing a path of a wellbore, comprising:
an outer casing having a deflecting member for deflecting a direction of the drilling assembly;
an inner casing having a motor system disposed therein, the inner casing disposed within the outer casing and operatively attached thereto; and
an earth removal member operatively connected to a lower end of the outer casing, wherein the earth removal member is rotatable by the motor system.

36. (New) The apparatus of claim 35, wherein the deflecting member comprises an inclined wedge releasably attached to a lower portion of the cutting apparatus.

37. (New) The apparatus of claim 35, wherein the deflecting member comprises an angled perforation through the lower portion of the casing string for receiving a fluid.

38. (New) The apparatus of claim 37, wherein the deflecting member further comprises a bent portion in the casing string for deflecting the casing string preferentially in a direction.

39. (New) The apparatus of claim 35, wherein the deflecting member comprises a second earth removal member larger in diameter than the first earth removal member disposed on a portion of the casing assembly above the first earth removal member.

PATENT

Atty. Dkt. No. WEAT/0344.P1

40. (New) The apparatus of claim 35, wherein the deflecting member further comprising a landing seat for securing a survey tool therein.

41. (New) The apparatus of claim 35, wherein the earth removal member includes at least one nozzle extending therethrough, the at least one nozzle having an extended straight bore extending longitudinally therethrough.

42. (New) The apparatus of claim 41, wherein the at least one nozzle is drillable.

43. (New) The apparatus of claim 41, wherein the at least one nozzle comprises a soft material.

44. (New) The apparatus of claim 43, wherein the soft material is copper.

45. (New) The apparatus of claim 43, wherein the at least one nozzle comprises a thin coating of a hard material, the hard material having a hardness greater than a hardness of a soft material.

46. (New) The apparatus of claim 45, wherein the hard material is ceramic.

47. (New) The apparatus of claim 45, wherein the hard material is tungsten carbide.

48. (New) The apparatus of claim 35, wherein the motor system is releasable from the inner casing and retrievable therefrom.

49. (New) The apparatus of claim 35, wherein the motor system comprises:
a motor operating system disposed in a motor system housing;
a shaft operatively connected to the motor operating system, the shaft having a passageway; and

Page 5

427820_1

PATENT
Atty. Dkt. No. WEAT/0344.P1

a divert assembly disposed to direct fluid flow selectively to the motor operating system and the passageway in the shaft.

50. (New) The apparatus of claim 49, further comprising a latch for releasably latching the motor system onto the inner casing.

51. (New) The apparatus of claim 49, wherein the divert assembly comprises a closing sleeve having one or more ports, the closing sleeve disposed in the shaft.

52. (New) The apparatus of claim 49, wherein the divert assembly comprises a rupture disk disposed to block fluid flow to the passageway in the shaft.

53. (New) The apparatus of claim 49, wherein the motor operating system comprises a hydraulic system.

54. (New) The apparatus of claim 49, wherein the motor operating system comprises a system selected from a turbine system and a stator system.

55. (New) The apparatus of claim 49, wherein the earth removal member includes a drill face and a spindle connected to the shaft.

56. (New) The apparatus of claim 55, wherein the earth removal member includes a fluid connection to the passageway in the shaft.

57. (New) The apparatus of claim 56, wherein the earth removal member includes a shut off mechanism for stopping fluid flow through the fluid connection.

58. (New) The apparatus of claim 49, further comprising a casing latch attached to the motor system housing, the casing latch adapted to releasably secure the motor system to an internal surface of the inner casing.

PATENT

Atty. Dkt. No. WEAT/0344.P1

59. (New) The apparatus of claim 58, wherein the casing latch includes a fluid passage connected to the passageway in the shaft.

60. (New) The apparatus of claim 58, further comprising a guide assembly connected to the casing latch, the guide assembly having one or more seats for receiving a device selected from an inter string and an orientation device.

61. (New) The apparatus of claim 49, wherein the motor system housing includes an enlargement portion for expanding a casing size.

62. (New) A method of initiating and continuing a path of a wellbore, comprising:
providing a first casing having a first earth removal member operatively disposed at a lower end thereof;

penetrating a formation with the first casing to form the wellbore;
selectively altering a trajectory of the wellbore while penetrating the formation of the first casing;

flowing drilling fluid to a motor system disposed in a second casing, the second casing being releasably attached to an inner diameter of the first casing and having a second earth removal member; and

rotating the second earth removal member with the motor system.

63. (New) The method of claim 62, wherein the trajectory of the second casing is altered more than the trajectory of the first casing.

64. (New) A method of altering a path of a casing into a formation, comprising:
providing an outer casing with a deflector releasably attached to its lower end;
penetrating the formation with the deflector;
releasing the releasable attachment; and
deflecting the path of the outer casing in the formation by moving the casing string along the deflector.

PATENT
Atty. Dkt. No. WEAT/0344.P1

65. (New) The method of claim 64, further comprising releasing an inner casing from the outer casing.

66. (New) The method of claim 65, further comprising flowing drilling fluid to a motor system disposed within the inner casing to rotate an earth removal member operatively attached to the motor system while altering a trajectory of the inner casing drilling into the formation.

67. (New) The method of claim 1, wherein penetrating the first casing into the formation comprises jetting the first casing.

68. (New) The method of claim 1, further comprising measuring a trajectory of the wellbore while drilling with the first or second casing.